Amendments to the Specification

Please replace the paragraph beginning on page 3, line 10, with the following rewritten paragraph:

In accordance with the present invention, this problem is solved with the means defined in the independent Claims. Expedient improvements of the invention are the subject matters of the dependent ~~further~~ claims.

Please replace the paragraph beginning on page 4, line 14, with the following rewritten paragraph:

In a particularly expedient embodiment of the invention, a decoder means ~~(9)~~ (8) is associated with the second unit, between the receiver (5) and the data sink (6), for decoding the signals encoded by the coding means (7). With this decoder means, the coding provided by the coding means is cancelled so that the signals supplied to the data sink correspond to the data stream from the data source (1). It is, of course, possible to dispose the decoder means also in the receiver (5). In this manner, the coding is completely transparent to the data source or the data sink, respectively, for an optimum transmission of the data along the data transmission path.

Please replace the paragraph beginning on page 6, line 23, with the following rewritten paragraph:

Another embodiment of the invention comprises a coding means with at least one multiplexer 10 for the incorporation of further signals or data streams, respectively, into the serial data stream generated by the data source (1). In addition to the principal data stream, frequently additional information, mostly control signals, must be transmitted as well. This information can be expediently incorporated into the data stream as well by means of a multiplexer in the coding means.

Please replace the paragraph beginning on page 9, line 29, with the following rewritten paragraph:

An inventive method of wideband transmitting digital signals by means of a device in correspondence with the introductory clause of Claim 1 provides for coding as well as optional decoding of the signals in order to improve the quality of transmission.

Please delete page 11 in its entirety.